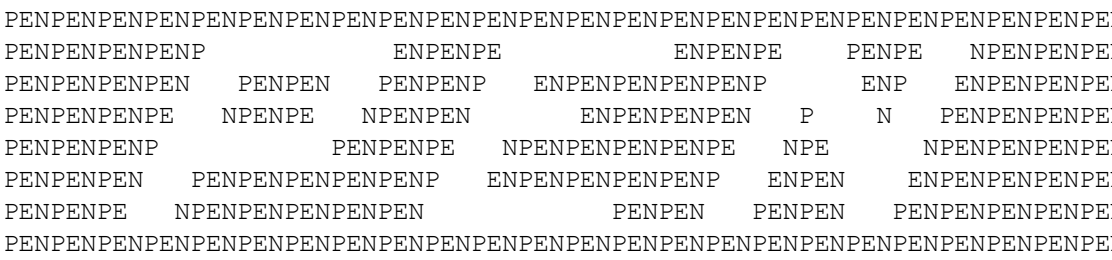

No. 20 December 1988 Oppenheimer Software

This is the twentieth edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software (MCI Mail agency NY4). You may respond to the PEN by typing ANSWER at the COMMAND: line that appears after you read this. This mailbox (218-0241) is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll free mail box - contact Oppenheimer Software for more information.)

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NEED ANOTHER MAILBOX?
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Need another mailbox or account on MCI Mail? A SCRIPT called NEWUSER is available to allow you to register new mailboxes or accounts on MCI Mail, or provide referral information for others needing information. To use this
feature, at the Command: prompt,

(if you are a BASIC user, type)
CREATE USING <RETURN>
NEWUSER <RETURN>

(if you are an ADVANCED user, type)
CREATE USING NEWUSER <RETURN>

Answer all questions, and follow the instructions at the end of the SCRIPT.
You will be notified as soon as the new mailbox/account is active.

The NEWUSER script has been in use for over two years. Hundreds of new accounts, set up with the SCRIPT, have been "up and running", usually within 24 to 36 hours.

In the near future, a new version of the NEWUSER SCRIPT will be available that will allow you to set up multiple new accounts and mailboxes in one step.

Note...
If you access MCI Mail via Lotus Express, Desktop Express or any of MCI Mail's LINK products, you will need to access MCI Mail via the interactive "terminal" mode.

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PRODUCT INFORMATION FORUM
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Businesses in the know sponsor lunch time vendor forums. These meetings provide an opportunity for the area managers to become familiar with new services and products in an casual setting without taking time off to visit trade shows. Managers and employees get a chance to learn about cost saving technologies used in other areas of the company through informal discussions, and question and answer periods.

If you would like to have an MCI Mail representative come to one of your forums, please message us at mailbox 218-0241.

>>>>>>>>>>>>>>>>>>>>>>>>
DISPATCHING FAX DISPATCH
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We now have Fax Dispatch update pages for your "Quick Reference Guide to MCI Mail" book. The update is designed to fit in the guides spiral ring backing. If you would like a copy of the updates mailed to you, please message us at mailbox 218-0241 with your name and postal address.

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FAX DISPATCH DISTRIBUTION LISTS
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Do you frequently send Fax Dispatch messages to the same person or group of people? You can set up a list on MCI Mail that will contain the name and fax phone number for each of these people. Sending the fax can be as simple as sending it to "Mary (list)" assuming you named your list "Mary".

The sequence below demonstrates the procedure for creating a distribution list for Fax Dispatch messages. Note that for clarity, all MCI prompts below are in caps, while your response is shown in lower case. To create a list called "Mary", at the Command: prompt, type:

```
create list

LIST NAME: mary

TO:       mary smith (ems)

ENTER NAME OF MAIL SYSTEM.
EMS:      fax
    EMS    354-8235 FAX                        FAX DISPATCH    MCI MAIL

ENTER RECIPIENT'S MAILBOX INFORMATION.
MBX:      phone: 212-333-4444

IF ADDITIONAL MAILBOX LINES ARE NOT NEEDED PRESS RETURN.
MBX:      retry: 12
MBX:                                  <------{just press RETURN}

TO:       TOM SMITH
          EMS: FAX / MCI ID: 354-8235
          MBX: PHONE: 212-333-4444
          MBX: RETRY: 12

IS THIS ADDRESS CORRECT (YES OR NO)? yes

TO:
LIST TOM CREATED SUN DEC 18, 1988 11:46 AM  EDT
```

Note that additional Fax Dispatch (or telex, E-mail, and hard copy) addresses can be added to the list at the second "TO:" prompt. Distribution Lists can be shared by more than one mailbox. Please message us at mailbox 218-0241 if you are interested in this Shared List service.

>>>>>>>>>>>>>>>>>>>
INBOUND FAX SERVICE
>>>>>>>>>>>>>>>>>>>

The last issue if the PEN newsletter introduced FAX Dispatch - the capacity to send messages from your PC via MCI Mail to any Group III fax machine in the world. Fax Dispatch is an outbound service only - you can not receive messages to your mailbox sent from a fax machine. The reason specified in the PEN was that:

"... a fax is not "information" (ASCII text) that your computer can understand... it is a bit mapped picture, a copy of the original document. Before MCI can offer inbound fax service, someone will have to invent a way for a computer to recognize the difference between the "X" that may be used in the cross-hatched shading of a drawing, and the "X" of a word... scanners are not 100% accurate. And anything less than 100% is not good enough for a commercial service like MCI Mail."

As far as we know, no one has yet invented the 100% accurate conversion technology. But if you can settle for 99%, we may have the answer for you.

A private service (NOT part of MCI Mail) provided by The PAN FaxMail service converts incoming Fax images to text and delivers them to your MCI Mailbox as standard ASCII text.

As with any conversion of bit-mapped graphics to ASCII text, the simpler the better. Reliability is better than 99% accurate when standard typefaces are used. Pure graphics, such as letterheads, drawings, and signatures are ignored.

The fax sent with an "ATTENTION" line at the top of the first page of the fax to indicate the recipient's Email ID number. For example, ATTN: MCI 623-3212 would be delivered to the specified MCI mailbox. Either the recipient or the sender must have a PAN FaxMail account in order for delivery to take place.

The current state of the art in character recognition systems represents an intelligent approximation, rather than a precise reproduction of the text. The cleaner the fax sent (avoiding unusual typefaces, handwriting and other unintelligible marks) the better the conversion will be.

The service costs $15 per month, plus $2.00 per page and is charged to a credit card. For more information about this inbound fax service, please message us at MCI mailbox 218-0241 toll free.

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THANKS FOR THE MEMORY...
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Editor Note:

The below section will be of interest to people using Lotus Express on 386 computers, and those with a technical curiosity.

Lotus Express is widely use by MCI Mail subscribers who own MS-DOS computers. It automates access to MCI Mail, and helps manage their correspondence. Because it is a background program, it allows another program to run in the foreground (on the screen) while it does its magic.

There is a price to pay however. Lotus Express uses enough memory that a few programs on the market can not co-reside in RAM with Express. A short while ago, Lotus revised the Metro kernel that forms the core of Lotus Express. This revision, referred to as Version 1.1, allows Metro to "swap" parts of Lotus Express to disk (or RAM disk) resulting in some savings of memory. (Call Lotus' 1-800-TRADEUP for more information).

Another option is available for owners of MS-DOS computers using the 80386 CPU. Quarterdeck systems (MCI Mail username: QUARTERDECK) has a product called the "Expanded Memory Manager 386" that allows much of Lotus Express (as well as DOS BUFFERS!) to be moved to expanded memory.

Our old AUTOEXEC.BAT file (including starting Lotus Express) and CONFIG.SYS files looked as follows:

```
       AUTOEXEC.BAT
     ============
metro.exe <-Starts Express
cd \mailsys
mlinit.exe
comdrv.exe
xpcdrv.exe
mlmain.exe
```

```
  CONFIG.SYS
  ==========
FILES=20
BUFFERS=30
```

The above configuration, with all 30 DOS buffers in low memory, along with Lotus Express left 383K available for a foreground program. With QEMM 386 installed, our revised files were:

```
loadhi buffers +27
metro.exe
cd \mailsys
loadhi mlinit.exe
loadhi comdrv.exe
loadhi xpcdrv.exe
loadhi mlmain.exe
```

```
FILES=20
BUFFERS=3
DEVICE=QEMM.SYS NOVIDEOFILL RAM
```

The above files place only 3 DOS buffers in conventional RAM, and use both the LOADHI.COM and BUFFERS.COM programs to place another 27 in expanded memory. Four of the five modules that make up Lotus Express are also moved into expanded memory by the LOADHI.COM. LOADHI.COM and BUFFERS.COM are included with QEMM 386. This change resulted in 471K available - 88K additional memory available for foreground programs.

You will notice that METRO.EXE was not placed in expanded memory. We found that it failed to recognize the {ALT}{SHIFT} keyboard sequence when placed "on-high". Otherwise, Lotus Express, and all foreground programs tested worked properly in this configuration.

The results will vary with each individual computer configuration.

>>>>>>>>>>>>>>>>
UNIX/XENIX ACCESS
>>>>>>>>>>>>>>>>

If you use MCI Mail from a PC (MS-DOS) or Mac, you will find that programs from MCI such as Lotus Express or Desktop Express are all you need for sending and receiving your mail.

If you use Unix or Xenix systems, or a LAN, or mini or mainframe systems, you can now have much of the same power from CMSLink.

CMSLink is a gateway communications program for access into MCI Mail. It has the flexibility to perform a wide range of functions by easily integrating with other software applications. For example, you can design and program the front end for your electronic mail needs, and use CMSLink as the mail server to communicate with MCI Mail in a an error-free mode. It can also be used as a command driven, stand alone communications utility.

CMSLink software is available in UNIX, XENIX and MS-DOS versions and can reside on a personal computer, mini-computer or mainframe. It uses MCI Mail LINK, a proprietary MCI Mail exchange protocol, to perform all inbound and outbound message transfers.

CMSLink provides easy accessibility to mailboxes and can transmit ordinary
messages or binary data (spreadsheets, data base files, etc...) automatically. Binary files sent are compatible with the Lotus Express and Desktop Express formats.

CMSLink may be licensed in individual units or through "Original Equipment
Manufacturer" (OEM) agreements. CMSLink for both MS-DOS and for non-OEM applications is base priced at $395.00. Quantity discounts are available.
Pricing for CMSLink UNIX and XENIX versions is determined by the type of host computer ranging from $995.00 to $5,995.00 for the largest mainframe computers supported.

For additional information, or Demo Disks, please message us at mailbox 218-0241 (toll free).

>>>>>>>>>>>>>>>>>>>>>>>
FROM OUR SISTER SERVICE
>>>>>>>>>>>>>>>>>>>>>>>

MCI Mail allows you to turn your computer into a global communications center capable of sending electronic mail, fax messages, telexes and printed (hard copy) mail to any part of the world.

Now, you can encourage your prospects and clients to call you at your office or home TOLL FREE, for less than you thought possible.

MCI 800 Service allows you to receive toll free calls on any of your existing business or residential phone lines....even if your long distance carrier is not MCI.

The one time setup fee is $75, and the monthly fee is only $20. Of course you do pay for each call that comes in over your 800 number, but is many cases, the call is less expensive than a regular toll call would have been.

Where possible, you can customize the last four digits of the phone number (as in 1-800-444-MAIL - MCI Mail customer support). If you have roll over for multiple phone lines, your 800 calls will also roll over. The 800 service is also available from much of Europe, Japan, Hong Kong and Canada.

Your monthly statement reports the list of the phone numbers of all callers. You may specify the regions you want to receive calls from, and can even direct calls to specific locations so that, for example, calls from New England will be sent to your Boston sales office.

For additional information, please message us at mailbox 218-0241 (Toll Free!)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
THE COMPLETE MCI MAIL HANDBOOK
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The last issue of the PEN introduced "The Complete MCI Mail Handbook", the first book devoted to teaching users how to fully utilize MCI Mail.

That write up listed an incorrect SCRIPT name for ordering the book. The correct name is BOOK ORDER.

The SCRIPT will allow you to order "The Complete MCI Mail Handbook" via MCI Mail. Your order will be received by Bantam Computer Books. Please allow 3 weeks for delivery. You may pay for your order with your Visa, Mastercard or American Express card. Each book is only $17, plus $4 shipping and handling. If you have questions about your order, call Bantam directly at 1-800-223-6834, extension 9479. In NY, AK, HI and Canada, call 1-212-492-9479.

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MCI MAIL AROUND THE WORLD - PART I
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Need to communicate with someone in the Soviet Union, Japan, Chile, England, or Zimbabwe? MCI Mail can be accessed from all over 75 countries, and it can save you a fortune. The rates for overseas access is the same as domestic access - $.45 for 500 characters, or $1.00 for up to 7500 characters - much cheaper than traditional telex. A 4 page telex to England will cost you about $25.00, while the same message sent to another MCI Mail subscriber in one of these countries will cost only $1.00 - a 96% savings!

To use MCI Mail from outside the United States, your overseas correspondent usually needs to subscribe to the country's packet switching service, as well as to MCI Mail here in the U.S.

MCI Mail has on-line information available for accessing MCI Mail from other countries:

To access this information, type

VIEW INTERNATIONAL ACCESS

at the COMMAND: prompt. When the system responds with "Now Viewing International Access", type

SCAN

If you are an ADVANCED user, you may use

SCAN SUBJECT {country name}

The preceding list will appear, each entry preceded by a number. To see the detailed information, type

PRINT <number>
or
READ <number>

where <number> identifies the information you are interested in. Also, be sure to read items 1 and 5 for general information.

When you are done, type

LEAVE

to return to the COMMAND: prompt.

You will be billed $.30 per minute while accessing the Bulletin Board.

The next issue of the PEN newsletter will explore other options for foreign access to MCI Mail.

>>>>>>>>>>>>>>>>>
SEASONS GREETINGS
>>>>>>>>>>>>>>>>>

Forgot some people on your Seasons Greetings list? MCI Mail has the answer. Through the end of the holiday season, MCI Mail offers ADVANCED users, a "Seasons Greetings" holiday logo for hard copy mail. You can even get your letter delivered overnight by using the ONITE option. To use this graphic, enter FORM:HOLIDAY at the Handling: prompt.

>>>>>>>>>>>>>>>>>
DEAR VIRGINIA....
>>>>>>>>>>>>>>>>>

Then.....

Mr. Chris Kringle is on trial to establish that he is indeed Santa Claus. In a court of law, a doubting Judge is called upon to review evidence presented and listen to witnesses called. Finally, the U.S. Post Office clinches the case by dumping bags of mail destined for Santa on the judges bench. The judge, assuming that the Post Office always delivers mail to the proper addressee, declares Mr. Kringle to really be Santa.

Now.....

With more and more children (young and old) sending messages to Santa, and with the Post Office not quite as reliable as it once was, his lead elf (consultant in the off season) looked for a quick and inexpensive way for letters to Santa to be read, answered and cataloged. Last year the elf got a copy of Lotus Express and subscribed to MCI Mail. Santa was so impressed with the results that he now receives many of his letters by MCI Mail. If you want to send a letter to Santa, his mailbox name is (what else?) SANTA.

Messages to Santa are billed at standard MCI Mail rates.

Please be reasonable with your requests. Last year, someone asked for no new taxes. Santa had to teach George Bush how to say "read my lips".

>>>>>>>>>>>>
HEALTH WATCH
>>>>>>>>>>>>

According to an article in Computerworld (9/26/88), professionals currently rising through the ranks risk becoming fat and impersonal as they increasingly opt to send messages electronically rather than exerting themselves by actually walking over to verbally greet a co-worker.

We strongly encourage to you meet by the water cooler from time to time. It is good for you.

>>>>>>>>>>>>>>
Till Next Time
>>>>>>>>>>>>>>

Gary.......
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